



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 6, 1982

REGISTERED RETURN RECEIPT REQUESTED POS 7075339

Mr. Claude Thormalen  
Reclamation Engineer  
Union Carbide Corporation  
Metals Division  
Urvan, Colorado 81436

RE: Hecla Shaft  
ACT/037/043  
San Juan County, Utah

Dear Mr. Thormalen:

Joe Helfrich and I would like to thank you again for your time and the very informative tours of the Hecla Shaft and Redd Block #4 on May 18, 1982. As a result of our visit, it became apparent that our records on file for the Hecla Shaft are lacking in some areas or no longer usable and an update of the mine plan is required.

As we discussed during the tour, a mine area map more detailed than the maps submitted with the annual progress, is needed that indicates all of the present surface facilities and affected acreages. For example, the sedimentation ponds, the topsoil stockpile, the vent hole area, the San Juan ore and waste stockpiles and the major ore and waste stockpiles are not clearly indicated on the maps already submitted. In addition, I would like to request that the drainage plan for the area be specified on the map in the manner described under Rule M-3(I)(e).

The State Health Department, Bureau of Water Pollution Control, has an analysis of a water sample taken from the shaft during construction about one year ago. Now that mining is underway the water quality should be updated. If you have a current (within the last year) postmining analysis of the shaft water discharge available, please send a copy to the Division and to Steve McNeal at the State Health Department, Bureau of Water Pollution Control. If no current analysis is available please sample the discharge and forward a copy of the results to update our records.

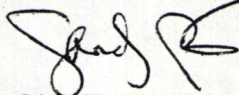


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One more item needs to be updated. According to the Board of Oil, Gas and Minings's order for tentative approval of the Hecla Shaft Mine, dated December 29, 1978, reclamation techniques during mine operations are to include the employment of revegetation test plots. Can you inform me of Union Carbide's intentions on this matter? I have enclosed a copy of this Board order for your reference, as I suspect that Union Carbide has simply forgotten about the requirement.

Your consideration on these updates is needed and a prompt response will be appreciated. Please call either Jim Smith, Joe Helfrich or myself if you have any questions or problems regarding this mine plan update.

Sincerely

A handwritten signature in dark ink, appearing to read "Sandy Pruitt", with a long, sweeping horizontal line extending to the right.

SANDY PRUITT  
FIELD SPECIALIST

SP/tck

Enclosure

cc: Steve McNeal, State Health